

#### ABSTRACT OF THE DISCLOSURE

In an initial time of a warming-up control of a vehicle air conditioner, a control unit controls a mode switching member to set a foot mode, a first linear bi-level mode, a fixed bi-level mode, a second linear bi-level mode and the foot mode. In the first and second linear bi-level modes, a face-foot air blowing ratio between air blown from a face opening and air blown from a foot opening is gradually changed as the time passes. Therefore, the face-foot air blowing ratio can be smoothly changed in a mode switching between the foot mode and the fixed bi-level mode. Accordingly, when the mode switching is performed in the warming-up control in the winter, the face-foot air blowing ratio is prevented from being suddenly changed.